

FORM MUST BE TYPED

KCC SIDE ONE

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

AUG 4

API NO. 15- 039-20889 -00-00

County Decatur

CONFIDENTIAL

-SW -SW -SE Sec. 5 Twp. 3S Rge. 26 E

Operator: License # 4767

330 Feet from N (circle one) Line of Section

Name: Ritchie Exploration, Inc.

2310 Feet from W (circle one) Line of Section

Address 125 N. Market, Ste. 1000

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

City/State/Zip Wichita, KS 67202

Lease Name Hix Farms Well # 1

Purchaser:

Field Name

Operator Contact Person: Jeff Christian

Producing Formation

Phone (316) 267-4375

Elevation: Ground 2603' KB 2608'

Contractor: Name: Murfin Drilling Company, Inc.

Total Depth 3750' PBD 3800'

License: 30606

Amount of Surface Pipe Set and Cemented at 239 Feet

Wellsite Geologist: K. Kessler

Multiple Stage Cementing Collar Used? Yes No

Designate Type of Completion
 New Well Re-Entry Workover

If yes, show depth set Feet

Oil SVD S10W Temp. Abd.

If Alternate II completion, cement circulated from

Gas ENHR SIGW

feet depth to w/ ex cat.

Dry Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan *D+D 8-10-93*
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Chloride content 2000 ppm Fluid volume 641 bbls

Operator:

Dewatering method used evaporation

Well Name:

Location of fluid disposal if hauled offsite:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Operator Name *10-20-95* RELEASED

Plug Back PSTD

Lease Name License No.

Commingled Docket No.

Quarter Sec. Twp. *OCJ 2, 6 1995* E/W

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

06-07-93 06-12-93 06-13-93

Spud Date Date Reached TD Completion Date

County Docket No. FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature *[Signature]*

Title President Date 8-4-93

Subscribed and sworn to before me this 4th day of August 19 93.

Notary Public *[Signature]*

Date Commission Expires

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-29-93

Rec'd 8-5-93

K.C.C. OFFICE USE ONLY	
F	<input checked="" type="checkbox"/> Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/> Wireline Log Received
C	<input type="checkbox"/> Geologist Report Received
Distribution	
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug
Other (Specify)	

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Hix Farms Well # 1
 Sec. 5 Twp. 3S Rge. 26 East County Decatur
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

SEE ATTACHED SHEET

Radiation Guard Log

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	12 1/4"	8-5/8"	28#	239'	60/40	175	2%Gel 3%CC

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First, Resumed Production, SWD or Inj.				Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
 Production Interval _____

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000

Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

#1 Hix Farms

SW SW SE

Section 5-3S-26W

Decatur County, Kansas

API# 15-039-20,889

Elevation: 2603' G.L., 2608' K.B.

ORIGINAL

KCC

AUG 4

CONFIDENTIAL

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

ELECTRIC LOG TOPS

Anhydrite	2147' (+ 461)
B/Anhydrite	2178' (+ 430)
Topeka	3325' (- 717)
Heebner	3492' (- 884)
Toronto	3522' (- 914)
Lansing	3536' (- 928)
B/KC	3734' (-1126)
LTD	3750' (-1142)

DST #1 from 3485' to 3549' (Toronto and Lansing "A" zone).

Recovered 80' mud with slight show of oil.

IFP:49-59#/30"; ISIP:1066#/30";

FFP:68-78#/30"; FSIP:1006#/30".

DST #2 from 3548' to 3585' ("C" and "D" zones). Recovered 200' water, no show of oil.

IFP:49-68#/30"; ISIP:996#/30";

FFP:78-98#/30"; FSIP:936#/30".

DST #3 from 3655' to 3750' ("J" and "K" zones). Recovered 60' mud, no show of oil.

IFP:68-68#/30"; ISIP:976#/30";

FFP:88-88#/30"; FSIP:907#/30".

DST #4 from 3584' to 3650' ("G" zone). Recovered 129' slightly oil and gas cut mud (5% oil, 5% gas, 90% mud), and 124' slightly oil cut water (2% oil, 8% mud, 90% water).

IFP:39-98#/45"; ISIP:976#/45";

FFP:118-147#/45"; FSIP:966#/45".

RELEASED

OCT 26 1995

FROM CONFIDENTIAL

416 - 5 1993

Well, Kansas
 1961, Great Bend, Kansas

ORIGINAL AUG 4
 CONFIDENTIAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

5361

Home Office P. O. Box 31

Russell, Kansas 67665

new

Date	6-7-93	Sec.	5	Twp.	3 ^s	Range	26 ^w	Called Out		On Location	6:45 PM	Job Start		Finish	8:30 PM
Lease	Hix Farms	Well No.	1	Location	Jennings					9N-174E		County	Decatur	State	Kan
Contractor	Mur Fin Dals Co #8														
Type Job	Surface														
Hole Size	12 1/4	T.D.	240'												
Csg.	8 5/8	Depth	239'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	Approx 15'	Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace	<input checked="" type="checkbox"/>												
Perf.															

Owner
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To
 Ritchie Explorations, Inc
 Street 125 N. Market, Suite 1000
 City Wichita State Kan 67202
 The above was done to satisfaction and supervision of owner agent of contractor.

Purchase Order No.
 X *Patricia Weigel*
CEMENT

Amount Ordered
 175 60/40 per, 3% CC-2% Gel

Consisting of				
Common	105	SKs @	6 ³⁵	719 ²⁵
Poz. Mix	70	SKs @	3 ⁰⁰	210 ⁰⁰
Gel.	3	SKs @	7 ⁰⁰	N/C
Chloride	5	SKs @	25 ⁰⁰	125 ⁰⁰
Quickset				

EQUIPMENT

OKley	No.	Cementer	
Pumptrk	191	Helper	<i>Sunny Walt</i>
Pumptrk	No.	Cementer	
Pumptrk		Helper	
Bulktrk	213	Driver	<i>Jason</i>
Bulktrk		Driver	

DEPTH of Job

Reference:	Pumptruck	430 ⁰⁰
	8 5/8 Wooden Plug	42 ⁰⁰
	225 per mile	36 ⁰⁰
	Sub Total	
	Tax	
	Total	508 ⁰⁰

Handling	100 per SK	175 ⁰⁰
Mileage	4¢ per SK mile	112 ⁰⁰
	16 miles	
	Copy of H-T.	
	6-16-93	
	Sub Total	1,341 ²⁵
	Total	

Floating Equipment *JH*

Remarks:

Cement Did Cure

Thad Dew

6-5-1993

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

KCO

AUG 4

ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

4999

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	6-13-93	Sec.	5	Fwp.	3S	Range	26W	Called Out	3:00 pm	On Location	6:30 pm	Job Start	8:00 pm	Finish	10:45 pm
Lease	Hix Farms	Well No.	1	Location				Jennings 94-1 1/2 E	County		Decatur	State		KS.	

Contractor	Murfin Org. Rig #8
Type Job	AWP
Hole Size	7 7/8
Csg.	T.D. 3750
Tbg. Size	Depth
Drill Pipe	4 1/2 x Hole
Tool	Depth 2160
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	RELEASED

Owner Ritchie Exploration
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Ritchie Exploration
 Street 125 N Market #1000
 City Wichita State Kan 67202
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. [Signature]
 X
 CEMENT

EQUIPMENT OCT 26 1995

OKley Pumptrk	No.	300	Cementer	Ken Fitz
	Helper			
Pumptrk	No.		Cementer	
	Helper			
Bulktrk	No.	315	Driver	Steve
	Driver			

Amount Ordered	190 SK 1 1/4" Reg 67 gal 1/4" CelloHole/SK			
Consisting of				
Common	114 SK	2	6 35	780 00
Poz. Mix	76 SK	2	3 00	228 00
Gel.	7 SK	2	7 00	49 00
Chloride				
Quickset				
CelloHole	2 SK. (50#)	2	1 10	55 00
Sales Tax				

DEPTH of Job	2160
Reference:	Pumptruck 430 00
	1-8 7/8 Org Hole plus 21 00
	225 per mile 36 00
	Sub Total
	Tax
	Total 487 00

Handling	1 00 per SK	190 00
Mileage	4¢ per SK/mile	121 60
	16 miles	
		Sub Total
		1,424 50
JUN 93	1009630	Total

Remarks:
 25 SK @ 2160
 100 SK @ 1455
 40 SK @ 290
 10 SK @ 40
 15 SK in Rat Hole

Floating Equipment
 Copy T/H.T.
 6-18-93
 AUG - 5 1993